**To:** Stan Kaczmarek[StanK@demaximis.com]; BudneySL@cdmsmith.com[BudneySL@cdmsmith.com]; Hoppe, Michael[Hoppe.Michael@epa.gov]
**Cc:** Gary.Foster@CH2M.com[Gary.Foster@CH2M.com]; George.Hicks@CH2M.com[George.Hicks@CH2M.com]; John Rolfe[jrolfe@demaximis.com]; Willard Potter[otto@demaximis.com]; Robert Law[rlaw@demaximis.com]; Todd King[TKing@gldd.com]
**From:** Vaughn, Stephanie
**Sent:** Mon 11/25/2013 4:18:00 PM
**Subject:** RE: Carbon Analysis of Active Layer

Hi Stan,

Could you please send me the spreadsheet showing the results of the volume and weight measurements described below, as well as the results of your visual inspections of the cores? Moving forward (I know this part of the capping effort is nearly complete), could you please provide updates on a daily basis?

Thanks,
Stephanie

**From:** Stan Kaczmarek [mailto:StanK@demaximis.com]
**Sent:** Thursday, November 21, 2013 10:23 AM
**To:** BudneySL@cdmsmith.com; Hoppe, Michael; Vaughn, Stephanie
**Cc:** Gary.Foster@CH2M.com; George.Hicks@CH2M.com; John Rolfe; Willard Potter; Robert Law; Todd King
**Subject:** RE: Carbon Analysis of Active Layer

Stephanie,

We will begin sending cores out for Total Carbon analysis.

To answer your question, the volume and weight measurement of the sand + AquaGate mixture from the conveyor belt is performed at least 2 times each day, the results are available within 5 minutes of sample collection, and if any adjustment is required, Great Lakes Dredge and Dock does that immediately.

Stan

**Stan Kaczmarek, PE**

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>>> On 11/21/2013 at 9:39 AM, in message <dc209042327c4b01878df751af9b5b06@BY2PR09MB032.namprd09.prod.outlook.com>, "Vaughn, Stephanie" <Vaughn.Stephanie@epa.gov> wrote:

Hi Stan,

Please go ahead and analyze the cores for carbon, as outlined in the memo.

One question -- Is the volume/weight determination performed at the end of each day (with the conveyor belt sampling being collected during the capping operation)?

Thanks,

Stephanie

**From:** Stan Kaczmarek <StanK@demaximis.com>

**Sent:** Wednesday, November 20, 2013 9:43 AM
**To:** BudneySL@cdmsmith.com; Hoppe, Michael; Vaughn, Stephanie
**Cc:** Gary.Foster@CH2M.com; George.Hicks@CH2M.com; John Rolfe; Willard Potter; Robert Law
**Subject:** Carbon Analysis of Active Layer

Stephanie and Mike,

Attached is a Technical Memorandum detailing CPG's approach to carbon analysis of the active layer. CPG is prepared to implement this plan upon approval from EPA.

Stan

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